

FORM PTO-1449
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

APPLICATION SERIAL NO.: N/A

ATTORNEY DOCKET NO.: 11460-130

GROUP ART UNIT: N/A 2881

APPLICANT: David R. Swenson

EXAMINER: N/A

FILING DATE: Herewith

CONFIRMATION NO.: N/A

PRIORITY DATE: January 27, 2003

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS/SUB-CLASS	FILING DATE IF APPROPRIATE
<u>NS</u>	5,814,194	09/29/98	Deguchi et al.	204/192.1	
<u>VS</u>	2001/0054686	12/27/01	Torti et al.	250/288	
<u>VC</u>	2002/0036261*	03/28/02	Dykstra	250/287	07/13/01
<u>VM</u>	2002/0070361*	06/13/02	Mack et al.	250/505.1	07/13/01

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS/SUB-CLASS	TRANSLATION YES NO

OTHER DOCUMENTS
(Including Author, Title, Date, Pertinent Pages, etc.)

* These patents are representative of the state of the art but published after or less than one year prior to Applicant's priority date. Therefore, if any such item is considered sufficiently relevant by the Examiner to the present invention, its possible "prior art" status against the present invention should be considered individually allowing for the prospect of swearing back or other priority determination.

EXAMINERDATE CONSIDEREDZIA R. HASHMI3/10/05



FORM PTO-1449
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.: 11460-130

APPLICATION SERIAL NO.: 10/765,246

GROUP ART UNIT: 2881

APPLICANT: David R. Swenson

EXAMINER: TBD

FILING DATE: January 27, 2004

CONFIRMATION NO.: 9561

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS/SUB-CLASS	FILING DATE IF APPROPRIATE
NR	4,559,096	12/17/85	Friedman et al.	156/272.2	
WR	5,153,430	10/06/92	Gammel et al.	250/251	
WR	5,644,220	07/01/97	Urs et al.	324/71.3	
WR	6,060,718	05/09/00	Brailove et al.	250/505.1	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS/SUB-CLASS	TRANSLATION YES NO

OTHER DOCUMENTS
(Including Author, Title, Date, Pertinent Pages, etc.)

WR	Toyoda, N. et al. "Surface Processing by Gas Cluster Ion Beams." Ion Implant Technology, IEEE, Proceedings of the 11 th International Conference on, 16-21 June 1996. Pages 808-811.
WR	Mack, M.E. "Design Issues in Gas Cluster Ion Beamlines." Ion Implant Technology, IEEE, Proceedings of the 14 th International Conference on, 22-27 Sept. 2002. Pages 665-668.

EXAMINERDATE CONSIDERED

ZIA R. HASHMI

3/10/05